

Comparisons of Job Characteristics

Focus Occupation: [Woodworking Machine Setters, Operators, and Tenders, Except Sawing \(51-7042\)](#)

Associated Occupation: [Cabinetmakers and Bench Carpenters \(51-7011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	11.3	9.5	<	Expanded education and/or training may be required
Design	5.2	11.1	7.7	<<	Extensive education and/or training may be required
Production and Processing	6.0	11.0	13.1	>	Current knowledge level is likely sufficient
Building and Construction	4.0	7.0	4.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)

Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	10.8	11.2	0	Current skill level may be sufficient
Quality Control Analysis	5.9	10.3	9.1	<	A higher skill level may be required
Equipment Selection	3.3	9.5	6.9	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	9.7	0	Current skill level may be sufficient
Troubleshooting	4.5	9.0	8.0	<	A higher skill level may be required
Operations Analysis	5.0	8.5	5.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	8.3	7.9	0	Current skill level may be sufficient
Repairing	3.4	8.0	8.1	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042) Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	14.0	9.0	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	13.6	10.6	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	13.1	10.2	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	12.6	13.3	0	Current ability level may be sufficient
Control Precision	6.6	12.5	11.5	0	Current ability level may be sufficient
Static Strength	5.0	11.1	9.1	<	Some improvement in abilities may be required
Trunk Strength	5.7	11.1	9.5	<	Some improvement in abilities may be required
Rate Control	3.8	9.7	9.7	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.4	6.6	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	8.3	6.2	<<	Extensive improvement in abilities may be required
Wrist-Finger Speed	3.2	7.6	7.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 91
Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042) Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Examine products or work to verify conformance to specifications	15	
Monitor production machinery/equipment operation to detect problems	27	
Move or fit heavy objects	8	
Operate woodworking equipment/machinery	77	
Perform safety inspections in manufacturing or industrial setting	33	
Read blueprints	10	
Read specifications	23	
Read technical drawings	7	

Set up computer numerical control machines	69
Set up production equipment or machinery	51
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use hand or power woodworking tools	65
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 94

Focus Occupation: Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042)
Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Drafting supplies	9
Forming tools	2
Hearing protectors	12
Holding and clamping tools	3
Holding and positioning and guiding systems and devices	23
Industry specific software	1
Length and thickness and distance measuring instruments	2
Machine tools	7
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3
Paint applicators and painting accessories	15
Pneumatic tools	8
Power tools	2
Rough and finishing tools	5
Vision protection and accessories	3
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.